## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

Inventor(s): Mills

Group Art Unit: 1754

App'n Ser. No.: 09/225,687

Examiner(s): Tsang for the Secret Committee

Filing Date: 01/06/1999

Title: INORGANIC HYDROGEN COMPOUNDS AND APPLICATIONS THEREOF

December 21, 2004

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Attached are PTO/SB/O8B forms listing the enclosed documents. Copies of the enclosed documents are attached to this Information Disclosure Statement and/or to the Attachments to the Response filed herewith.

This information disclosure is being filed concurrently with a Request for Continued Examination and thus is timely filed and should be considered in its entirety.

This information disclosure statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully. Consideration of the foregoing and enclosures plus the return of a copy of the herewith PTO/SB/08A and B forms with the Examiner's initials in the left column per MPEP 609 along with an early action on the merits of this application are earnestly solicited.

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Respectfully submitted, Manelli Denison & Selter PLLC

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Customer No. 20736

PTO/SB/08B (Modified)

Substitute	for form 1449B/PTO			Complete if Known		
Substitute	101101111 14490/1 10			Application Number	09/225,687	
INI	FORMATION	DI	SCLOSURE	Filing Date	01/6/1999	
ST	ATEMENT E	BY A	APPLICANT	First Named Inventor	Mills	
				Group Art Unit	1745	
	(use as many she	ets a	s necessary)	Examiner Name	Tsang	
Sheet	2	of	2	Attorney Docket Number		

Examine r Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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Ţ	<u> </u>		
	81	R. Mills, P. Ray, B. Dhandapani, W. Good, P. Jansson, M. Nansteel, J. He, A. Voigt, "Spectroscopic and NMR Identification of Novel Hydride Ions in Fractional Quantum Energy States Formed by an Exothermic Reaction of Atomic Hydrogen with Certain Catalysts," European Physical Journal: Applied Physics, 28, (2004), 83–104. (Web Publication Date: Feb. 21, 2003.) Attachment 81	
	77	J. Phillips, R. L. Mills, X. Chen, "Water Bath Calorimetric Study of Excess Heat in 'Resonance Transfer' Plasmas," J. Appl. Phys., Vol. 96, No. 6, (2004) 3095–3102 (Web Publication Date: June 16, 2003.) Attachment 77	
	46	L. Mills, P. Ray, "Stationary Inverted Lyman Population and a Very Stable Novel Hydride Formed by a Catalytic Reaction of Atomic Hydrogen and Certain Catalysts," J. Opt. Mat., in press.	

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I	Examiner	Date	
I	Signature	Considered	

PTO/SB/08B (Modified)

Substitute for form 1449B/PTO				Complete if Known		
				Application Number	09/225,687	
INI	FORMATION	DI	SCLOSURE	Filing Date	01/06/1999	
ST	ATEMENT B	BY A	APPLICANT	First Named Inventor	Mills	
				Group Art Unit	1745	
	(use as many she	ets a	s necessary)	Examiner Name	Tsang	
Sheet	1	of	2	Attorney Docket Number		

		OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS	
Examine r Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	102	R. L. Mills, "Exact Classical Quantum Mechanical Solutions for One- through Twenty- Electron Atoms," Phys. Essays, submitted. (Web Publication Date: April 22, 2004.)	
	103	R. L. Mills, Dhandapani, W. Good, J. He, "New States of Hydrogen Isolated from K <sub>2</sub> CO <sub>3</sub> Electrolysis Gases," Journal of Electroanalytical Chemistry, submitted. (Web Publication Date: April 28, 2004.)	
	104	R. L. Mills, Y. Lu, M. Nansteel, J. He, A. Voigt, W. Good, B. Dhandapani, "Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source," Division of Fuel Chemistry, Session: Advances in Hydrogen Energy, 228th American Chemical Society National Meeting, August 22–26, 2004, Philadelphia, PA.	
	105.	J. Phillips, C. K. Chen, R. L. Mills, "Evidence of Catalytic Production of Hot Hydrogen in RF-Generated Hydrogen/Argon Plasmas," IEEE Transactions on Plasma Science, submitted.	
	106	R. L. Mills, "Exact Classical Quantum Mechanical Solution for Atomic Helium Which Pre Conjugate Parameters from a Unique Solution for the First Time," submitted. ( Publication Date: July 30, 2004.)	
	107	R. L. Mills, "Maxwell's Equations and QED: Which is Fact and Which is Fiction," submitted. (Web Publication Date: August 6, 2004.)	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here is English language Translation is attached.